

APPENDIX D -- LIST OF DRAWINGS AND PHOTOGRAPHS

Eli Whitney Armory Site HAER CT-2

MEASURED DRAWINGS

1 of 1: Site plan

PHOTOGRAPHS

CT-2-1: View from East Rock

CT-2-2: West side of Mill River

CT-2-3: View from northwest

CT-2-4: Excavation of the 1798 raceway

CT-2-5: Excavation of the 1860 armory building

CT-2-6: South View of Whitneyville in Hamden, 1836

by John Warner Barber

Photocopied from John Warner Barber, Connecticut Historical Collections (New Haven, 1836), p. 220.

"The engraving... shows the appearance of the little village of Whitneyville, as seen from a few rods south, on the New Haven road." (Barber, p. 219). The right fork, with lthiel Town's truss, carries the New Haven & Hartford Turnpike, the left the Cheshire Turnpike. The factory is on the right, the village on the left.

CT-2-7: The Eli Whitney Gun Factory, 1826-28

by William Giles Munson

Photocopied from the painting in the Mabel Brady Garvin Collection, Yale University Art Gallery, New Haven, Connecticut. Among the buildings shown are the barn, boarding house, a row of nine houses for married employees, the machine and filing shop (next to the dam), the stocking shop, forge building, and four stone sheds. But for some perspective distortion, this is the earliest and most reliable view of the pre-1860 works. The photocopy is not to be reproduced without permission from Yale University Art Gallery.

- CT-2-8: Town of Hamden, 1852
Photocopied from a photostatic detail in the collection of the Hamden Historical Society, Hamden, Connecticut. From R. Whiteford, "Map of the County of New Haven, Connecticut" (New Haven, 1852). Shown are "Witney's [sic] Armory," "Whitney's Marine Clock F[actory]," and "Whitney's Pistol F[actory]."
- CT-2-9: Town of Hamden, 1868
Map detail photocopied from F. W. Beers, et al., Atlas of New Haven County, Connecticut (New York, 1868), p. 25. Shows the newly created Lake Whitney and, one quarter mile south of the armory, a "Rifle Factory."
- CT-2-10: Whitney Arms Company, Van Slyck steel engraving, 1880
Photocopied from Charles B. Norton, American Inventions and Improvements in Breech-Loading Small Arms (Springfield, Mass., 1880), p. 154. The engraving does not seem to have been included in the earlier 1872 edition. This is probably the single most widely copied view of the Whitney Arms Company works, and it is without doubt the most accurate. Compare with site plan, photo CT-2-13.
- CT-2-11: Whitney's Armory, Near New Haven, Ct., 1842
Photocopied from a woodcut in Henry Howe, Memoirs of the Most Eminent American Mechanics (New York, 1842), p. 124. The best early view of the filing shop and its raceway. See footnote 55.
- CT-2-12: Mill River and Lake Whitney Dam, c.1900
Photocopied from a glass negative, NHCHSL.
a print from
- CT-2-13: Site plan, 1900
Photocopied from a blueprint, "Appraisal of Water Power and Real Estate at Whitneyville, 1900," New Haven Water Company, 100 Crown Street, New Haven, Connecticut. Shows the Whitney Arms Company as it existed for much of the period 1860-1904. Compare with photo CT-2-10.

- CT-2-14: Site plan, 1915, top half
- CT-2-15: Site plan, 1915, bottom half
With CT-2-14, photocopied from an ozalid print, "Map of Plant of Sentinel Manufacturing Co.," Folio 2, EWC. The Sentinel Manufacturing Co. produced gas stoves. They leased the Whitney Armory buildings about 1915.
- CT-2-16: Forge building and fuel storage shed from the southwest, c.1918
Photocopied from a photograph in the collection of William F. Applegate, 43 Grandview Avenue, Wallingford, Connecticut.
- CT-2-17: Forge building, fuel storage shed, and foundry, 1906
Photocopied from a photograph by Thomas S. Bronson, "Group at Whitney Factory, 5 November 1906," NHCHSL. The most reliable view of the fuel storage sheds and foundry, together with a view of the forge building.
- CT-2-18: View from East Rock, c.1920
Photocopied from ^{a print from} glass negative no. 6476 by Thomas S. Bronson, NHCHSL. An aerial view of the armory site evidently after the row of stone houses for married employees had been torn down.
- CT-2-19: The 1860 armory building, c.1930
Photocopied from ^{a print of} a film negative, NHCHSL. A view from the southwest.
- CT-2-20: Mill River and rear of the 1860 armory building, c.1930
Photocopied from ^{a print of} a film negative, NHCHSL. View from the south.
- CT-2-21: General view from the southwest, c.1862
Photocopied from an advertisement, "Whitney's Improved Fire-Arms," Dana Scrapbook v. 61, p. 68, NHCHSL.
- CT-2-22: Lake Whitney Dam, 1895
Photocopied from an original photograph, NHCHSL. Shows the rear of the dam building, and on Lake Whitney, Day's Store and Boathouse, and an ice house and steam-powered elevators.

- CT-2-23: Site plan, 1931
Photocopied from Sanborn Map Company, Insurance
Maps of New Haven, v. 5, map no. 540, 1924
updated to 1931.
- CT-2-24: Site plan, 1924
Photocopied from Sanborn Map Company, Insurance
Maps of New Haven, v. 5, map no. 540, 1924
- CT-2-25: Site plan by New Haven Water Company, c.1900
Photocopied from property map, Mill River
Division, Sheet 51, Map Collection, Armory Street
Filtration Plant, New Haven Water Company,
Hamden, Connecticut.
- CT-2-26: Site plan of Lake Whitney; detail of original
engineering drawing, 1856
Photocopied from map drawn and surveyed by
Nelson J. Welton, C.E., "Contemplated Water-
works at Whitneyville, 1856," unaccessioned
New Haven Water Company Papers, collection
of NHCHSL. Shows "Whitney's Upper Armory,"
"Clock Shop," "E. Whitney's Lower Armory."

Eli Whitney Armory: Barn HAER CT-2A

MEASURED DRAWINGS

- 1 of 7: Plan of main floor with ground floor
- 2 of 7: Plan of upper levels
- 3 of 7: East and west elevations
- 4 of 7: North and south elevations
- 5 of 7: Cross section looking east
- 6 of 7: Longitudinal section looking south
- 7 of 7: Isometric view

PHOTOGRAPHS

- CT-2A-1: East elevation
- CT-2A-2: South elevation
- CT-2A-3: West elevation
- CT-2A-4: View from northwest
- CT-2A-5: Main floor interior from the west
- CT-2A-6: Main floor interior from the east
- CT-2A-7: Milking room
- CT-2A-8: Timber framing
- CT-2A-9: Intersection of strut, purlin, and chord
- CT-2A-10: Detail where roof truss and column intersect
- CT-2A-11: Stair detail, west end of main floor
- CT-2A-12: Hinged stair detail, main floor
- CT-2A-13: Sill plate detail
- CT-2A-14: Undersides of floor joists and floorboards
Note marks of depth gauge on each edge of
individual floorboards and adze marks across
the width of each where it rests on a joist,
thus making the floor above level.
- CT-2A-15: East elevation, drawn by Eli Whitney Blake, c.1817
Photocopied from Folio 2, EWC.
- CT-2A-16: South elevation, drawn by Eli Whitney Blake, c.1817
Photocopied from Folio 2, EWC.

Eli Whitney Armory: Forge Building HAER CT-2B

MEASURED DRAWINGS

- 1 of 1: Archeological excavation

PHOTOGRAPHS

- CT-2B-1: Archeological excavation from the west
- CT-2B-2: Archeological excavation from the southwest
- CT-2B-3: Archeological excavation from the northwest
- CT-2B-4: Site plan showing watercourse, drawn by Eli Whitney Blake (?)
Photocopied from Folio 2, EWC. The rough nature of this sketch suggests that it may represent alternative means of bringing water to the forge building (here called "Blacksmith Shop"). See footnote 53.
- CT-2B-5: Elevation sketch, drawn by Eli Whitney Blake (?)
Photocopied from Folio 2, EWC. See footnote 53.
- CT-2B-6: Plan of a blacksmith shop
Photocopied from Foilo 2, EWC. Possibly another drawing by Eli Whitney Blake, this plan has traced on the reverse side a mirror image of the plan on the obverse. See footnote 53.
- CT-2B-7: View from north, c.1870.
Photocopied from ^{print of} a film negative, "Whitney Arms Company, East Rock in Background, c.1870," NHCHSL. A view of the west side of the river, showing the forge building and portions of the penstocks.
- CT-2B-8: West elevation, c.1930
Photocopied from ^{a print of} a film negative, NHCHSL.

Eli Whitney Armory: Fuel Storage Shed HAER CT-2C

MEASURED DRAWINGS

- 1 of 2: Plans and sections
- 2 of 2: Elevations and details

PHOTOGRAPHS

CT-2C-1: View from west

CT-2C-2: View from west, c.1930
Photocopied from a film negative, NHCHSL.
a print of

Eli Whitney Armory: Boarding House HAER CT-2D

MEASURED DRAWINGS

1 of 1: Plans and elevations

PHOTOGRAPHS

CT-2D-1: East elevation

CT-2D-2: View from southwest

Prepared by Peter H. Stott
with T. Allan Comp and
H. McKelden Smith
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